



VA-MA[®]

various advanced manufacturing applications

TECHNICAL CATALOGUE

(Swimming pool Pumps)

MADE IN ITALY





SBP PUMP

Description & Applications:

SBP pool pump series, highly efficient structure design for diffuser and impeller to get high performance.

Inlet and outlet are with female or male thread for easy connection.

Liquid's part is made of high reinforce engineering techno-polymer with compact structure.

The high reinforce engineering plastic base is vibration-resistance and corrosive-resistance.

SBP series is preferred product for sand filter of swimming pool.



Main Features:

- Flow rate up to 22 m³/hr
- Head up to 17.5 m
- Max water temperature 50 °c
- Ambient temperature up to 40 °c

Component Construction:

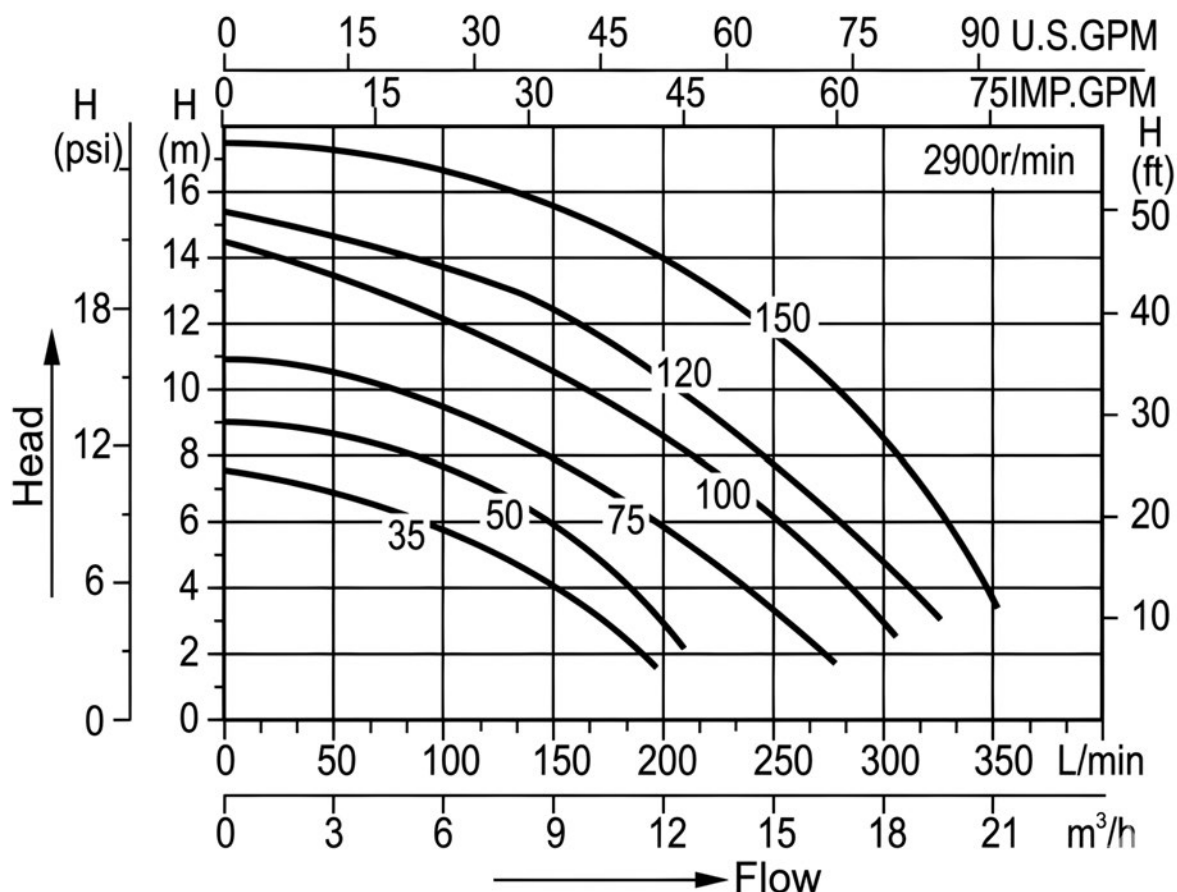
- Pump body : Reinforced techno-polymer
- Pump bracket : Aluminum
- Diffuser : Reinforced techno-polymer
- Impeller : Reinforced techno-polymer
- Pump shaft : Stainless steel AISI 316
- Mechanical seal : Graphite / Silicon

Motor:

- Two-pole induction motor (n=2900 r.p.m)
- External cooling
- Insulation class F
- Protection degree IP55
- Single phase 220V/50Hz
- Thermal protection
- Continuous service S1

SBP

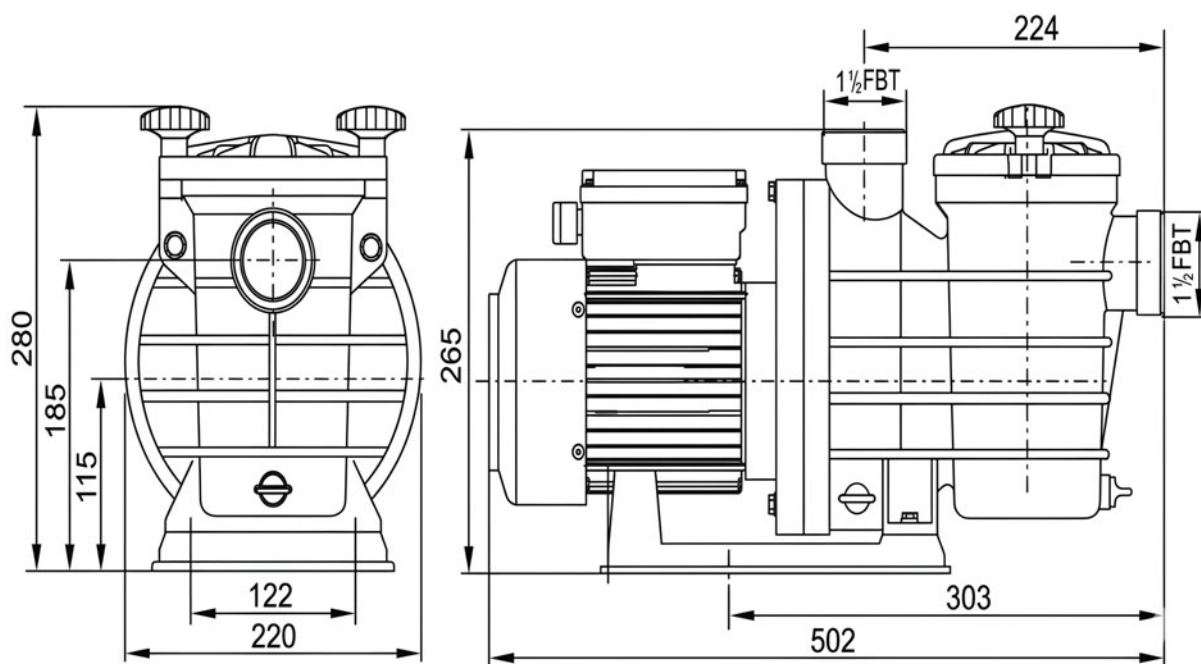
SPECIFICATIONS:



Type	P2		Ampere	Flow Rate (Q)								
			l/min	0	50	100	150	200	250	300	350	
			m³/hr	0	3	6	9	12	15	18	21	
	(KW)	(HP)	1~ 230V-50Hz	Head (H)								
SBP35	0.25	0.35		1.6	m	7.5	7	6	4	-	-	-
SBP50	0.37	0.5	2.0	9		8.5	7.5	6	3	-	-	-
SBP75	0.55	0.75	3.2	11		10.5	9.5	8	6	3.5	-	-
SBP100	0.75	1.0	3.8	14.5		13.5	12	10.5	8.5	6	3	-
SBP120	0.9	1.2	4.6	15.5		14.5	13.5	12.5	10	8	5	-
SBP150	1.1	1.5	5.8	17.5		17	16.5	15.5	14	12	8.5	3.5

SBP

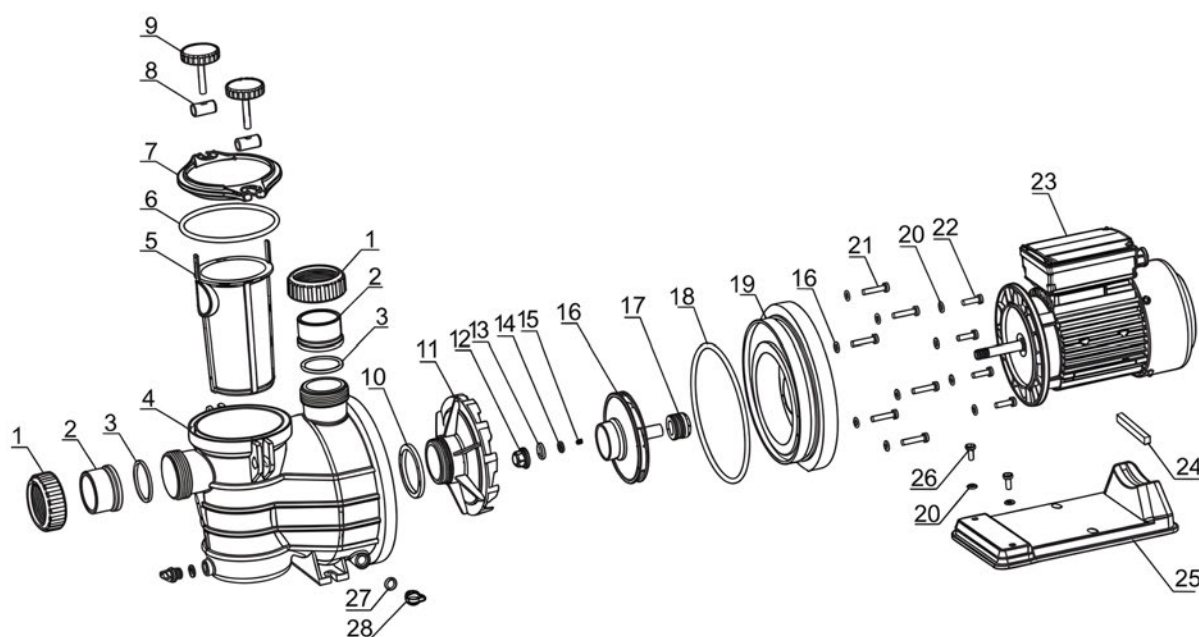
DIMENSIONS:



Type	Fitting (mm)	G.W (Kg)
SBP35	50	8.1
SBP50		9.3
SBP75		10.6
SBP100		11.4
SBP120		11.8
SBP150		12.8

SBP

EXPLODED VIEW:



NO.	Part Name
1	Tie-in Nut
2	Tie
3	O-Ring
4	Pump Casing
5	Filter
6	O-Ring
7	Transparent cover
8	Nut
9	Perpective cover locking knod

NO.	Part Name
10	Rubber gasket
11	Diffuser
12	Impeller Nut
13	Spring Washer
14	O-Ring
15	Flat Key
16	Impeller
17	Mecanical seal
18	O-Ring

NO.	Part Name
19	Pump Cover
20	Pad
21	Hexagon screw
22	Hexagon screw
23	Motor
24	Block Gine
25	Base
26	Hexagon screw
27	O-Ring
28	Drainage Plug



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WWW.VAMAPUMP.COM



- 📍 **Showroom:** 47 Naguib El-Rehany St - Down Town - Cairo
- 📍 **Head Office:** D111&D122 The courtyard - El Sheikh Zayed - Giza
- 🌐 Tervina Egypt Group
- ✉ technical-support@Tervina-eg.com
- 🌐 www.Tervina-eg.com
- ☎ **19301**